

Status and General News

Lauren Yates

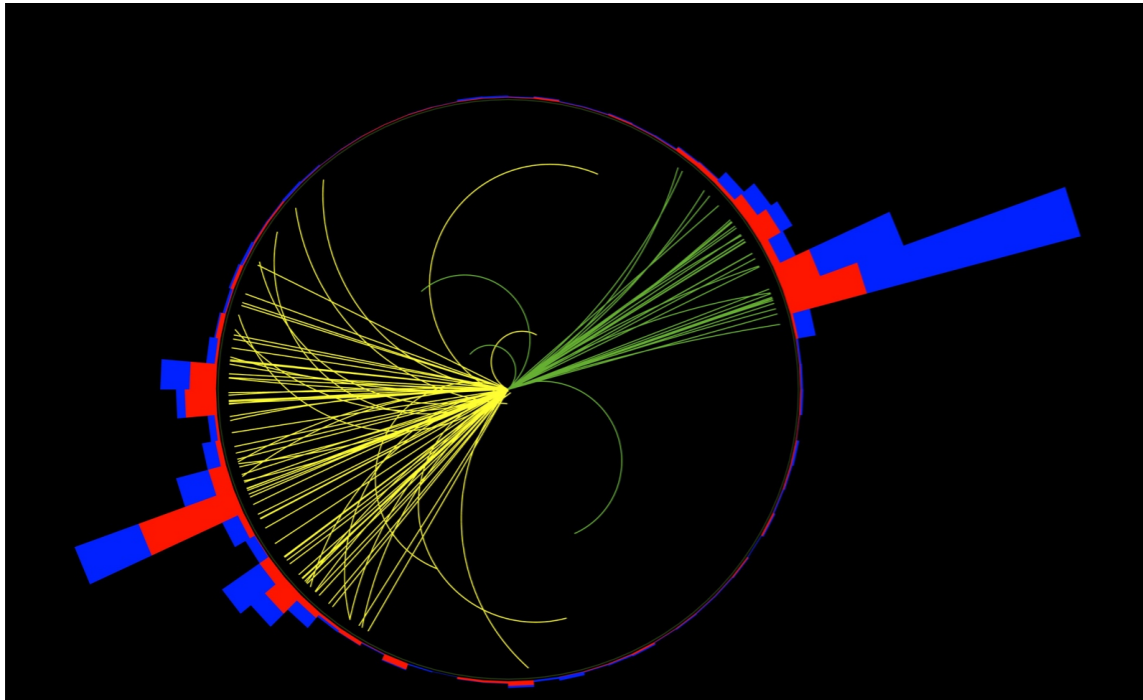
Massachusetts Institute of Technology

On Behalf of the Machine Learning Group Coordinators

Fermilab Machine Learning Group Meeting – April 2018



Announcement: Neutrino Seminar



Neutrino Seminar Series

Jet substructure, machine learning, and a neutrino connection

Nhan Tran, FNAL
1:00 pm, April 12 | One West

 Details at <http://npc.fnal.gov/neutrino-seminar-series/>

 Fermilab 

The Neutrino Seminar talk today also has a deep learning theme

The organizers invite everyone to attend and learn about jet substructure and ML

The talk will be at 1pm today in One West (this room)

Announcement: Journal Club

The next Deep Learning Journal Club is Wednesday, April 18

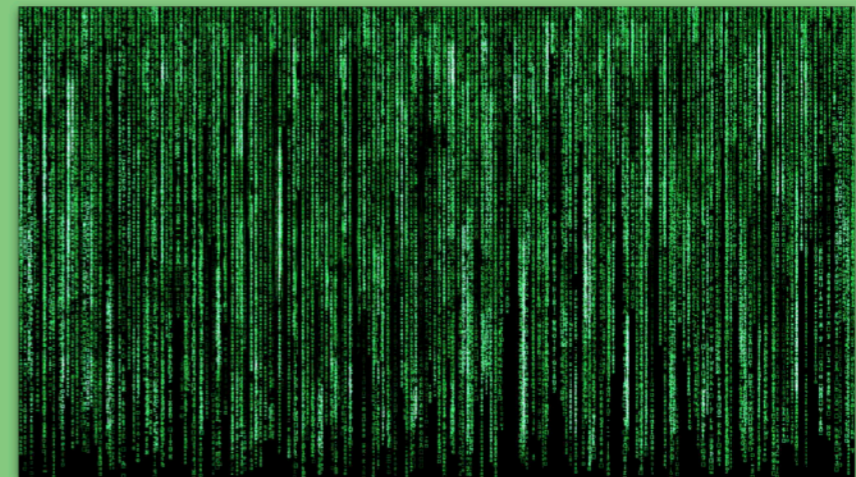
At 12pm in Curia II (WH2SW)

Thread for paper suggestions open on the slack channel

Deep Learning Journal Club

Wednesday, January 18
12pm
Curia II (WH2SW)

Unfortunately, no one can be told what deep learning is. You have to see it for yourself.



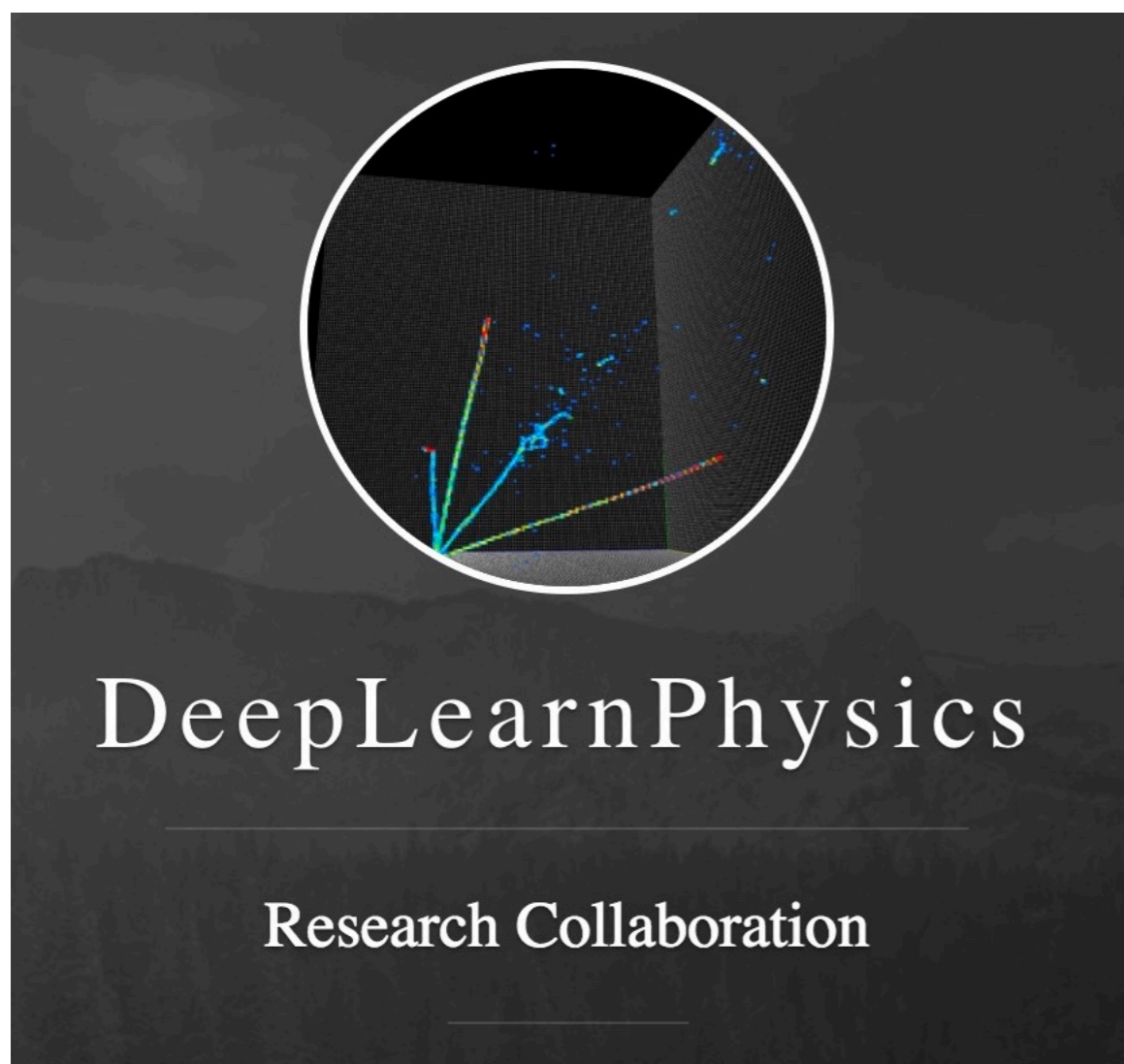
Just kidding! We can tell you all about it!
Join us to discuss papers, challenges, and ideas in deep learning and artificial intelligence.

contact: nord@fnal.gov
chat on slack: hepmachinelearning.slack.com



Announcement: DeepLearnPhysics Resources

DeepLearnPhysics is a research group led by Kazu Terao working on applications of machine learning techniques to particle physics



Website:

<http://deeplearnphysics.org/>

Open data challenge:

<http://deeplearnphysics.org/DataChallenge/>

Singularity build scripts:

<https://github.com/DeepLearnPhysics/larcv2-singularity>

Announcement: Get Involved

Connect with us online

Website: <http://machinelearning.fnal.gov/>

Slack: hepmachinelearning.slack.com

Add yourself to the HEP ML Directory

Link to add yourself: <https://goo.gl/forms/HaPoTAGqdtk9D7kA2>

Link to view: http://mickypaganini.github.io/HEPML_directory

Next Fermilab ML Group Meeting will be Friday, May 4

Email us at machinelearning-coordinators@fnal.gov with talk requests or topic suggestions!

Today's Meeting

MACHINE LEARNING

Working Group Monthly Meeting

THURSDAY, APRIL 12

Wilson Hall – One West 10:30 AM

- | | |
|---------------|---|
| 10:30 - 10:40 | Status and General News 10'
Speaker: Lauren Yates (Massachusetts Institute of Technology) |
| 10:40 - 11:20 | A Deep Learning Tool for Fast Simulation 40'
Speaker: Sofia Vallecorsa (Gangneung-Wonju National University) |
| 11:20 - 12:00 | Accelerating HEP Inference with Deep Learning Networks 40'
Speaker: Benjamin Nachman (LBNL) |

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